From:	Kaan Dilber
To:	Patrick J. Murray; Danny Mapili - WPD-C (danny.mapili@gsa.gov); Joshua Hill; LaShaun Queen (LQueen@cimgroup.com)
Cc:	Chris Ware (cware@omega-mep.com); "Jason Thomason" (jthomason@omega-mep.com)
Subject:	RE: FERC Daylight Harvesting
Date:	Friday, April 29, 2016 11:36:39 AM
Attachments:	image002.png Nulite M2D_LED_Series.pdf

Patrick,

The specified fluorescent 2x2 fixture is Corelite, R1-WL-2N5-1C-UNV-22-T1-AR. Its contractor net price is $140 with 6-8 weeks lead time. The proposed LED alternate 2x2 light fixture is Nulite, M2D-2-20HP-L35-UNV – see attached. Its contractor net price is $196 with 4-5 weeks lead time. Please note that there are not many options for this fixture because the it is the shallow style. Please let me know what you all think.

Thanks,
Kaan

Kaan Dilber AIA, LEED-AP ID+C, WELL AP
Associate
OTJ Architects
202.621.1367

OTJ ARCHITECTS
555 11th Street NW, Suite 200
Washington, DC 20004

From: Patrick J. Murray [mailto:pmurray@akridge.com]
Sent: Thursday, April 28, 2016 8:52 AM
To: Kaan Dilber; Danny Mapili - WPD-C (danny.mapili@gsa.gov); Joshua Hill (Joshua.Hill@ferc.gov); LaShaun Queen (LQueen@cimgroup.com)
Cc: Chris Ware (cware@omega-mep.com)
Subject: RE: FERC Daylight Harvesting

Kaan, we recently had a question on a project by DCRA during Permit review, regarding daylight harvesting. The fixture wattage was below the threshold required for daylight controls. Perhaps we can review some alternate fixtures (LED types), that look similar to the base building fixtures but will not trigger the controls requirement.
Regards,

Patrick Murray
Vice President, Construction Management
T 202.207.3954
M 202.367.8908
AKRIDGE
Invested.

From: Kaan Dilber [mailto:Dilber@otj.com]

Sent: Wednesday, April 27, 2016 5:21 PM
To: Danny Mapili - WPD-C (danny.mapili@gsa.gov); Joshua Hill (Joshua.Hill@ferc.gov); LaShaun Queen (LQueen@cimgroup.com); Patrick J. Murray
Cc: Chris Ware (cware@omega-mep.com)
Subject: FW: FERC Daylight Harvesting

All,

Please see Omega's email regarding coming up with an economical way around DC green code. They think LEED CI will be a more expensive option since daylight harvesting will be required for only 7 locations and need about 26 lighting fixtures with dimming capabilities. Please let me know if you have any questions.

Thanks,
Kaan

Kaan Dilber AIA, LEED-AP ID+C, WELL AP
Associate
OTJ Architects
202.621.1367

OTJ ARCHITECTS
555 11th Street NW, Suite 200
Washington, DC 20004

From: Jason Thomason [mailto:jthomason@omega-mep.com]
Sent: Wednesday, April 27, 2016 5:05 PM
To: Kaan Dilber
Cc: Chris Ware
Subject: FERC Daylight Harvesting

Kaan,
According to the Green Code, there is an exception to the automatic daylight controls section where areas served by less than 120 watts of lighting do not require automatic controls. Since most of the perimeter offices only have two lighting fixtures totaling about 68 watts, we would only need to provide daylight sensors in about 7 locations and need about 26 lighting fixtures with dimming capabilities. This would definitely be a more cost effective solution to applying for LEED to avoid this requirement.

Let me know if you need any more information on this.

Thanks,

Jason Thomason
Principal

OMEGA ENGINEERING
7000 INFANTRY RIDGE ROAD
SUITE 210
MANASSAS, VA 20109
P: 703.782.4086
C: 703.819.3271
jthomason@omega-mep.com